



3748

P/4324-15

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Axel LANG

Serial No.: 10/030,784

Filed: February 12, 2002

Date: July 9, 2003

Group Art Unit: 3748

Examiner: Binh Q. Tran

*Reconsideration  
#10  
7/21/03  
D/Brewer*

For: Method for Detecting the State of A Catalytic Converter System

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RECEIVED**

JUL 17 2003

TECHNOLOGY CENTER R3700

**RESPONSE TO OFFICE ACTION**

Sir:

In response to the Office Action of April 9, 2003, please take the following remarks into consideration.

**REMARKS/ARGUMENTS**

The Office Action of April 9, 2003, has been carefully considered.

It is noted that claims 9-19 are rejected under 35 U.S.C. §112, first paragraph.

Claims 9, 11, 13 and 15-19 are rejected under 35 U.S.C. §102(b) over the patent to Mitsutani et al.

Claims 9-17 and 19 are rejected under 35 U.S.C. §102(b) over the patent to Mukaihira et al.

At the outset, Applicant respectfully submits that the subject matter contained in the claims is described in the specification in such a way as to enable one skilled in the art to which it pertains, or to which it is most nearly connected, to make and/or use the invention. The step of determining total energy output of the internal combustion engine within the predetermined time period is disclosed in the English-language translation of the application beginning on line 14 of page 6. The total energy output is a measurement that is known to those skilled in the art. The specification provides as an example measuring the total energy output directly or alternatively